

On page 17, lines 19-20, change "Perkin-Elmer/Cetus Corporation thermocycler using the 'step-cycle' functions." to --Perkin-Elmer/Cetus thermocycler using the 'step-cycle' functions--.

On page 22, line 18, change "4.1kb hind" to --4.1Kb hind--.

On page 23, line 6, change "Exon e Table 1" to --Exon e of Table 1--.

On page 28, line 9, change "flanking exon 17" to --flanking Exon 17--.

On page 28, lines 13-14, change "figure 3." to --Figure 2--.

On page 28, line 21, change "exon 17," to --Exon 17,--.

On page 30, line 6, change "using multiplex DNA amplification" to --using Multiplex DNA amplification--.

On page 33, line 19, change "this example the common" to --this example, the common--.

On page 33, line 26, change "the methods procedures" to --the methods, procedures--.

In Figure 1 the letter "c" has been deleted and a substitute figure with this deletion is submitted herewith.

In the Claims:

In claim 6, line 14, change "(1) 5'-GAATAC" to --(1) 5'-TTGAATAC--.

In claim 8, line 15, change "(1) 5'-GAATAC" to --(1) 5'-TTGAATAC--.

In the Abstract:

On page 44, line 8, change "complimentary" to --complementary--.

On page 44, line 9, change "complimentary" to --complementary--.

REMARKS

Reconsideration of this application as amended is requested. Claims 6 and 8 have been amended.

The applicants would like to thank the Examiner for carefully reading the application and pointing out the typographical errors. Applicants have re-reviewed the application and have corrected other typographical errors.

Applicants have amended Figure 1 to delete the excess "c" and have provided a copy of corrected Figure 1.

Claims 1-5 and 7 stand rejected under 35 U.S.C. 112, first paragraph. Applicants assert that the procedure described is general in nature and that it should not be limited to the disclosed primers. Example 1, states that it is the current procedure used for all of the assays in the laboratory. Further support for the generality of the procedure is found in the attached affidavits from scientists using the procedure. As seen from the affidavits of Dr. Gibbs and Dr. Grompe and the work of Dr. Ballabia, the multiplex assay, as described in the application, has been used for a variety of different gene loci.

Applicants further assert that the specification contains adequate support for the four conditions discussed in the Response of August 16, 1990. One skilled in the art